

Item 23

TITLE : PINNED FEEDER CLEANING ARRANGEMENT
INVENTOR(S) : HINTON C M; ZIMMERMAN D R; SEMP B A
ASSIGNEE : PHILIP MORRIS
ABSTRACT : ARRANGEMENT OF BRUSHES AND SPRAYS DESIGNED TO CLEAN PIN
FEEDERS AND TO REDUCE THE BACTERIAL LOAD ENCOUNTERED BY
THE PRODUCT.
PM NUMBER/DATE : D416

Item 24

TITLE : BULK TOBACCO HANDLING SYSTEM COMPRISED OF A ENCLOSED
TRAILER WITH A BELT DRIVEN FLOOR AND A MODIFIED TOBACCO
SILO
INVENTOR(S) : MACHETT J M
ASSIGNEE : PHILIP MORRIS
ABSTRACT : THIS HANDLING SYSTEM WILL ELIMINATE THE USE OF CONTAINERS,
HOGSHEADS, OR CASES FOR THE DIRECT SHIPMENT OF TOBACCO
PRODUCTS BETWEEN LOCAL PROCESSING FACILITIES. IT IS COST
EFFECTIVE AND ASSURES MINIMAL PRODUCT DEGRADATION.
KEYWORDS : TRUCK; HANDLING; ENCLOSED; BELT; SILO
PM NUMBER/DATE : D421

Item 25

TITLE : IMPROVED PNEUMATIC SEPARATOR
INVENTOR(S) : ABEL M J; JONES D R; SIMS G M
ASSIGNEE : PHILIP MORRIS
ABSTRACT : IMPROVEMENTS TO A CARDWELL RPAL SEPARATOR. ELIMINATES
NEED FOR PRE-SCREENING OF LARGE TOBACCO PADS UPSTREAM OF

THE SEPARATOR; ELIMINATES DOWN TIME FROM CHOKE-UP OF THE
SEPARATOR ROTARY WINNOWER; REDUCES MAINTENANCE
REQUIREMENTS; ELIMINATES THE NEED FOR A VIBRATING CONVEYOR
TO FEED THE SEPARATOR WINNOWER; IMPROVES SEPARATION
EFFICIENCY.
KEYWORDS : SEPARATE
PM NUMBER/DATE : D419-1

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